

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

16623 U.S. PTO  
120803

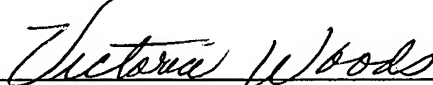
In re Application of:	)	PATENT APPLICATION
Inventors: Sheng Teng Hsu, Wei Pan,	)	
Fengyan Zhang, Wei-Wei	)	
Zhuang and Tingkai Li	)	
Serial No.: Not Yet Assigned	)	Attorney Docket No.
Filed: Herewith	)	SLA 0803
Title: RRAM MEMORY CELL	)	
ELECTRODES	)	Customer Number: 27,518
Assignee: Sharp Laboratories of America,	)	
Inc.	)	

22141 U.S. PTO  
10/730584  
120803

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
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Signature Date: December 8, 2003

Mail Stop PATENT APPLICATION  
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P. O. Box 1450  
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Sir:

Transmitted herewith for filing is a patent application identified as follows:

Inventors: Sheng Teng Hsu, Wei Pan, Fengyan Zhang, Wei-Wei  
Zhuang and Tingkai Li

Title: RRAM MEMORY CELL ELECTRODES

No. of pages in Specification: 10

No. of Claims: 14

No. of sheets of Drawings: 2

Formal:     , Informal: X

Also enclosed are:

- X A Declaration.
- X An Assignment and Recordation Form Cover Sheet.
- X Power of Attorney by Assignee.
- A certified copy of a priority application.
- A Verified Statement to establish small entity status.
- X An Information Disclosure Statement under 37 C.F.R. §1.56.

The filing fee pursuant to 37 C.F.R. §1.16 is determined as follows:

No. Filed	No. Extra		Rate Small Entity/ Other Than Small Entity		
Basic Fee			\$375.00 \$770.00	=	\$ 770.00
Total Claims <u>14</u> - 20	<u>0</u>	X	\$ 9.00 \$18.00		\$ 00.00
Independent Claims <u>2</u> - 3	<u>0</u>	X	\$ 43.00 \$ 86.00		\$ 00.00
First Presentation of Multiple Dependent Claim(s)	(0)		\$145.00 \$290.00		\$ 00.00
			Total		\$ 770.00

- If the difference is less than zero, enter "0".

X Please charge Deposit Account No. 19-1457 in the amount of (\$ 810.00) to cover the filing fee ( \$770.00 ) and assignment recording fee (\$40.00). A duplicate copy of this authorization is enclosed.

   A check in the amount of \$ 0.00 to cover the filing fee (\$ 0.00) and assignment recording fee (\$ 0.00) is enclosed.

X The Commissioner is hereby authorized to charge underpayment of any fees, (including those listed below), or credit any overpayment associated with this communication to Deposit Account No. 19-1457. A duplicate copy of this authorization is enclosed.

X Any additional filing fees under 37 C.F.R. § 1.16.

X Any patent application processing fees under 37 C.F.R. § 1.17.

Date: 12/8/03

Respectfully submitted,

By: 

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